

FORM PTO-1449  
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.  
70189  
APPLICATION NO.  
TO BE ASSIGNED  
APPLICANT  
CROWLEY, ET AL.  
FILING DATE  
HEREWITH

Group

1058037

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	4,801,592	1/31/89	Graf, et al.			
	AB	5,821,244	10/13/98	Schaper, et al.			
	AC	5,852,042	12/22/98	Jakobi, et al.			
SCB	AD	5,955,473	9/21/99	Wagner, et al.			
	AE	6,117,884	9/12/00	Daeuble, et al.			
	AF						
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
SCB	AJ	0410762	1/30/91	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AK						<input type="checkbox"/>	<input type="checkbox"/>
	AL						<input type="checkbox"/>	<input type="checkbox"/>
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO							
	AP							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

SCB	AR	JIAN-LONG CHEN ET AL.: "Synthesis of Some Benzofuronaphthyridines and Benzofuronaphthyridine Derivatives", JOURNAL OF HETEROCYCLIC CHEMISTRY, vol. 30, no. 3, 1993, pages 909-12. Page 909, compounds 2a, 2b, 3a, 3b.
SCB	AS	A. DORNOW ET AL.: "Uber Synthesen und Umsetzungen von 1,8-Naphthyridinen" ARCHIV DER PHARMAZIE, vol. 62, no. 3, 1957, pages 136-53.
	AT	

EXAMINER

Sabina Oze

DATE CONSIDERED

5/15/06

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PTO/SB/08A (07-05)

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**Substitute for form 1449/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1 of 4

<b>Complete if Known</b>	
Application Number	10/540,037
Filing Date	06/22/2005
First Named Inventor	CROWLEY, PATRICK
Art Unit	1616
Examiner Name	QAZI, S.
Attorney Docket Number	70189

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
S/03	EP 1249452		10/16/2002	BASF AKTIENGESELLSCHA	
	WO 02/051845		07/04/2002	NIHON BAYER AGROCHEM	
	WO 02/083676		10/24/2002	BASF AKTIENGESELLSCHA	
	WO 02/083677		10/24/2002	BASF AKTIENGESELLSCHA	
	WO 02/088125		11/07/2002	BAYER AKTIENGESELLSCH	
	WO 02/088126		11/07/2002	BAYER AKTIENGESELLSCH	

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		Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		WO 02/088127	11/07/2002	BAYER AKTIENGESELLSCHAFT		
		WO 92/07468	05/14/1992	IMPERICAL CHEMICAL		
		WO 93/13097	07/08/1993	THE BOOTS COMPANY		
		WO 92/22533	12/23/1992	THE UPJOHN COMPANY		

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		Filing Date		06/22/2005	
		First Named Inventor		CROWLEY, PATRICK	
		Art Unit		1616	
		Examiner Name		QAIZI, S.	
Sheet	3	of	4	Attorney Docket Number	70189

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		MOGILIAH, K., et al., "LiCl Catalyzed Claisen-Schmidt Condensation in Solvent-Free Conditions Using Microwaves", Synthetic Communications, Vol. 33, No 1, pp. 73-78 (2003).	
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		BADAWNEH, M., et al., "Synthesis of variously Substituted 1,8-naphthyridine derivatives and evaluation of their antimycobacterial activity"; Farmaco 57 (2002) pp. 631-639.	
		FERRARINI, P., et al., "Synthesis and Antiplatelet Activity of Some 2,7-di(N-cycloamino)-3-phenyl-1,8-naphthyridine Derivatives"; Farmaco 56 (2001), pp. 311-318.	
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SD93		DORNOW, A. and LOH, J., "Uber Synthesen und Umsetzungen von 1,8-Naphthyridinen"; Arch. Pharm., (1957), pp. 136-153.	
		FERRARINI, P., et al., "Preparazione Ed Esame Farmacologico Di Alcuni Derivati 1,8-Naftiridin-4-Idazonici"; Farmaco, Edizione Scientifica (1979) pp. 165-169.	
		FLOWERS, W., et al., "Reaction of Aromatic or Heterocyclic Amines and Perfluoro-2-methylpent-2-ene to give Fused Pyridines, ..."; Journal of the Chemical Society (1974); 134.	
		BECCALLI, E. et al, "Rearrangement reactions of 5-aminio-1-(2-formyl-,benzoyl,-cyano-aryl)..."; Journal of the Chemical Society, Perkin Transactions 1 (1996), (12), p. 1359.	
		POKORNY, D., et al, "The Meisenheimer Reaction of the 1,X-Naphthyridine 1-Oxides"; Journal of Organic Chemistry (1972), 37(2), pp. 3101-3105.	

Examiner Signature	Sabika Qazi	Date Considered	5/15/06
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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		HAWES, E., et al., "2,3-Disubstituted 1,6-Naphthyridines as Potential Diuretic Agents"; Journal of Medicinal Chemistry, (1973); 16(7), p. 849.		
		ROMA, G., et al., "1,8-Naphthyridines IV. 9-Substituted N,N-dialkyl-5-(alkylamino or cycloalkylamino) [1,2,4]..."; European Journal of Medicinal Chemistry, (200), 35(11) 1021-		
		TOJA, E., et al., "Pyrrolopyridine Analogs of Nalidixic Acid, 1. Pyrrolo[2,3-b]pyridines"; J. Heterocyclic Chemistry, 23, p. 1555 (1986).		
S QZ		SCHAFER, H., et al., "Zur Synthese von 4-Aminochinolinen und-chinolinonen-(2) aus Anthranilsaurenitril"; J.f.prakt. Chemie, 321(4), 695 (1970).		
		BREDERECK, H., et al., "Synthesen von Pyrido[2.3-d]pyrimidinen"; Chem. Ber. 96, 1868-1872, (1963).		

Examiner Signature	<i>Sabeha Qazi</i>	Date Considered	5/15/06
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